Docket No.: 1875.1020 (Formerly 1466.1088)

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Naoki ITOKAWA, et al.

Serial No. 10/807,535

Group Art Unit: 2629

Confirmation No. 3781

Filed: March 24, 2004

Examiner: LEWIS, DAVID LEE

For: METHOD FOR DRIVING PLASMA DISPLAY PANEL

# PETITION UNDER 37 CFR 3.81(b) AND SECOND REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants are filing a Petition and Second Request for Certification of Correction for inadvertent errors made in the subject application after paying the issue fee and after issuance of a patent. Applicants have found an inadvertent error on the Issue Fee Transmittal filed in the USPTO on February 17, 2009. As a result, the error appears on the face of the Letters Patent and, unfortunately, was overlooked until now (copy enclosed).

On February 17, 2009 when Applicants prepared and filed the Issue Fee Transmittal, the Transmittal inadvertently listed <u>HITACHI, LTD.</u> as the <u>sole</u> Assignee, omitting the <u>second</u> Assignee's name of **FUJITSU HITACHI PLASMA DISPLAY LIMITED** (copy enclosed).

As evidenced by the enclosed Notice of Recordation recorded on <u>June 21, 2004</u> at <u>Reel 015484</u>/ <u>Frame 0986</u>, <u>FUJITSU LIMITED AND FUJITSU HITACHI PLASMA DISPLAY</u>

<u>LIMITED</u> has had <u>joint ownership</u> in the subject application since the initial filing date of <u>March 24, 2004</u>.

Since that time, and as evidenced by the enclosed Notice of Recordation recorded on December 23, 2005 at Reel 017136/ Frame 0874, FUJITSU LIMITED assigned its entire rights to HITACHI, LTD.; and as further evidenced by the enclosed Notice of Recordation recorded October 29, 2008, Reel 021785/ Frame 0276, HITACHI LTD. assigned its entire rights to

Serial No.: 10/807,535

<u>HITACHI PLASMA PATENT LICENSING CO., LTD.</u>, which was filed before the subject Patent issued.

Accordingly, Applicants are respectfully requesting that the PETITION be entered and made of record, since Applicants have proven and provided proof that the errors were inadvertent.

It is further requested that this file be forwarded to the Certificates of Correction Branch for issuance of a CERTIFICATE OF CORRECTION to correct and replace the appropriate Assignee's names of record as follows: "HITACHI PLASMA PATENT LICENSING CO., LTD." AND "FUJITSU HITACHI PLASMA DISPLAY LIMITED".

Applicants respectfully submit the processing fee of \$130 as set forth under 37 CFR 1.117(h) and \$100 to cover the cost of the Certificate is attached.

If there are any additional fees associated with filing of this Petition, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

STAAS & HALSEY LLP

Date: (//.

Bv:

J. Randall Beckers

Registration No. 30,358

1201 New York Ave, N.W., 7th Floor

Washington, D.C. 20005 Telephone: (202) 434-1500 Facsimile: (202) 434-1501





# (12) United States Patent Itokawa et al.

## (10) Patent No.:

US 7,570,231 B2

(45) Date of Patent:

Aug. 4, 2009

# (54) METHOD FOR DRIVING PLASMA DISPLAY PANEL

(75) Inventors: Naoki Itokawa, Kawasaki (JP); Yoshiho

Seo, Kawasaki (JP); Yasunobu Hashimoto, Kawasaki (JP); Tetsuya Sakamoto, Kawasaki (JP); Tomokatsu

Kishi, Kawasaki (JP)

#### (73) Assignee: Hitachi, Ltd., Tokyo (JP)

(\*) Notice: Subject to any disclaimer, the term of this

patent is extended or adjusted under 35 U.S.C. 154(b) by 651 days.

(21) Appl. No.: 10/807,535

(22) Filed: Mar. 24, 2004

(65) Prior Publication Data

US 2004/0201553 A1 Oct. 14, 2004

#### (30) Foreign Application Priority Data

Mar. 28, 2003	(JP)	 2003-092215
Feb. 24, 2004	(JP)	 2004-048529

(51) Int. Cl.

G09G 3/10 (2006.01) G09G 3/28 (2006.01)

(52) U.S. Cl. ...... 345/68; 345/60; 315/169.4

(58) Field of Classification Search ... 315/169.1-169.4; 345/60-100, 204-214 See application file for complete search history.

#### (56) References Cited

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1 065 645 1/2001

EP

(Continued)

#### OTHER PUBLICATIONS

European Search Report, dated Jul. 19, 2006, for related European Patent Application No. EP 04 25 1815.9-2205.

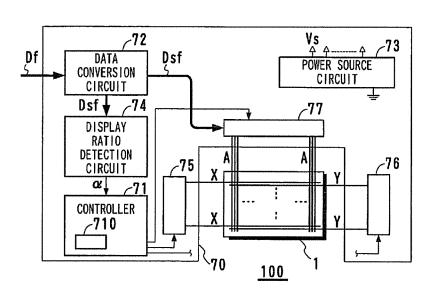
#### (Continued)

Primary Examiner—David L. Lewis (74) Attorney, Agent, or Firm—Staas & Halsey LLP

#### (57) ABSTRACT

A method for driving a plasma display panel is provided in which wasteful power consumption is reduced and light emission efficiency is improved when the number of cells to be lighted is relatively small. The method includes classifying a display ratio into plural group ranges, selecting a suitable display pulse waveform for each group range, detecting the display ratio of an object to be displayed in a real display, and plural types of display pulses having different waveforms are used differently in accordance with the result of the detection. The display ratio means a ratio of the number of cells to be lighted to the number of cells of the screen.

#### 11 Claims, 6 Drawing Sheets



# PART B - FEE(S) TRANSMITTAL



Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
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(571)-273-2885

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								(Signature	2)
								(Date	
APPLICATION NO.	FILING DATE		FIRST NAMED INVEN	TOR		ATTOR	NEY DOCKET NO.	CONFIRMATION NO.	
10/807,535	03/24/2004		Naoki Itokawa				1466.1088	3781	
TITLE OF INVENTION	: METHOD FOR DRIVI	ING PLASMA DISPLA	Y PANEL						
APPLN, TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE	DUE	PREV. PAID ISSUE	FEE	TOTAL FEE(S) DUE	DATE DUE	J
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CFR 1.363).  Change of corresp Addgess form PTO/SI "Fee Address" ind PTO/SB/47; Rev 03-6 Number is required.	ondence address (or Cha B/122) attached. lication (or "Fee Address 22 or more recent) attaci	ange of Correspondence or Indication form hed, Use of a Customer	or agents OR, after (2) the name of a registered attorned 2 registered paten listed, no name was	mativ single y or a t attor ill be	e firm (having as a gent) and the nam meys or agents. If printed.	membe	era 2	A HALSEY LLP	
(A) NAME OF ASSI HITACHI, LI	less an assignee is iden th in 37 CFR 3.11. Com GNEE <b>TD .</b>	tified below, no assigne pletion of this form is No	e data will appear on OT a substitute for filir (B) RESIDENCE: ( TOKYO', J	the pring an CITY	atent. If an assign assignment.  T and STATE OR C	LOUNI	KY)		
Please check the approp	riate assignee category o	r categories (will not be	printed on the patent):		Individual C	orporati	on or other private gre	oup entity Governme	ent
	are submitted:  No small entity discount # of Copies	permitted)	4b. Payment of Fee(s):  X A check is enclo Payment by cree The Director is i overpayment, to	sed. dit car	rd. Form PTO-2038	8 is atta	iched.	shown above) eficiency, or credit any an extra copy of this form	1).
D a Applicant clair	atus (from status indicate ns SMALL ENTITY stat	tus. See 37 CFR 1.27.	☐ b. Applicant is r	no lon	ger claiming SMA	LL EŅ	TITY status, See 37 C	FR 1.27(g)(2).	
NOTE. The Issue East	nd Publication Fee (if re records of the United St	quired) will not be accep	ted from anyone other irk Office.	than t	the applicant; a reg	istered	attorney or agent; or t	he assignee or other part	y in
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Page 1 of 1

10/807,535

METHOD FOR DRIVING PLASMA DISPLAY PANEL

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### **Patent Assignment Abstract of Title**

**Total Assignments: 3** 

Application #: 10807535 PCT #: NONE

Filing Dt: 03/24/2004

Patent #: 7570231

Issue Dt: 08/04/2009 Pub Dt: 10/14/2004

Publication #: US20040201553 Inventors: Naoki Itokawa, Yoshiho Seo, Yasunobu Hashimoto, Tetsuya Sakamoto, Tomokatsu Kishi

Title: METHOD FOR DRIVING PLASMA DISPLAY PANEL

Assignment: 1

Reel/Frame: 015484 / 0986 Received: 06/24/2004 Recorded: 06/21/2004

Mailed: 12/27/2004

Exec Dt: 03/13/2004

Exec Dt: 03/15/2004

Exec Dt: 03/15/2004

Exec Dt: 03/19/2004

Exec Dt: 03/29/2004

Pages: 4

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignors: ITOKAWA, NAOKI

SEO, YOSHIHO HASHIMOTO, YASUNOBU

SAKAMOTO, TETSUYA KISHI, TOMOKATSU

**FUJITSU LIMITED** Assignees:

1-1, KAMIKODANAKA, 4-CHOME NAKAHARA-KU KAWASAKI-SHI, KANAGAWA 211-8588, JAPAN

FUJITSU HITACHI PLASMA DISPLAY LIMITED 2-1, SAKADO 3-CHOME TAKATSU-KU

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KANAGAWA 213-0012, JAPAN

Correspondent: STAAS & HALSEY LLP

H.J. STAAS

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WASHINGTON, D.C. 20005

Assignment: 2

Reel/Frame: 017136 / 0874

Received: 12/23/2005

Recorded: 12/23/2005

Mailed: 02/09/2006

Exec Dt: 10/18/2005

Pages: 3

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignor: FUJITSU LIMITED

Assignee: HITACHI, LTD.

6-6, MARUNOUCHI 1-CHOME, CHIYODA-KU

TOKYO, JAPAN

Correspondent: STAAS & HALSEY LLP ATTENTION: H. J. STAAS

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WASHINGTON, D.C. 20005

Assignment: 3

Reel/Frame: 021785 / 0276

Received: 11/04/2008

Recorded: 10/29/2008

Mailed: 11/06/2008

Exec Dt: 09/01/2006

Pages: 3

Conveyance: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

Assignor: HITACHI LTD.

Assignee: HITACHI PLASMA PATENT LICENSING CO., LTD.

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CHIYODA-KU, TOKYO, JAPAN

Correspondent: STAAS & HALSEY LLP

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DECEMBER 23, 2004

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\*102776401A\*

STAAS & HALSEY LLP H.J. STAAS 1201 NEW YORK AVE., N.W. SUITE 700 WASHINGTON, D.C. 20005

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RECORDATION DATE: 06/21/2004

REEL/FRAME: 015484/0986

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ITOKAWA, NAOKI

DOC DATE: 03/13/2004

ASSIGNOR:

SEO, YOSHIHO

DOC DATE: 03/15/2004

ASSIGNOR:

HASHIMOTO, YASUNOBU

DOC DATE: 03/15/2004

ASSIGNOR:

SAKAMOTO, TETSUYA

DOC DATE: 03/19/2004

ASSIGNOR:

KISHI, TOMOKATSU

DOC DATE: 03/29/2004

### 015484/0986 PAGE 2

#### ASSIGNEE:

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NAKAHARA-KU

KAWASAKI-SHI, KANAGAWA 211-8588

JAPAN

ASSIGNEE:

FUJITSU HITACHI PLASMA DISPLAY

LIMITED

2-1, SAKADO 3-CHOME TAKATSU-KU

KAWASAKI-SHI

KANAGAWA 213-0012, JAPAN

SERIAL NUMBER: 10807535

FILING DATE: 03/24/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: METHOD FOR DRIVING PLASMA DISPLAY PANEL

MAURICE CARTER, PARALEGAL ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

06-24-2004

U.S. DEPARTMENT OF COMMERCE



102776401

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Naoki ITOKAWA
Yoshiho SEO
Yasunobu HASHIMOTO
Tetsuya SAKAMOTO
Tomokatsu KISHI

2. Name and Address of receiving party(ies):

FUJITSU LIMITED 1-1, Kamikodanaka, 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588 Japan

FUJITSU HITACHI PLASMA DISPLAY LIMITED 2-1, Sakado 3-chome Takatsu-ku, Kawasaki-shi, Kanagawa 213-0012 JAPAN

3.	Nature of conveyance:
	X Assignment Merger
	Security Agreement Change of Name
	Other:
	Execution Date(s): March 13, 15, 15, 19, and 29, 2004
4.	Application number(s) or patent number(s):
	This document is being filed together with a new application:
	(a) The execution date(s) of the application is/are:
	(b) The title is:
	OR
	☐ This document is being filed after filing of the application:
	(a) Patent Application No(s). <u>10/807,535</u> , filed <u>March 24, 2004</u> ; or
	(b) Patent No(s)., issued.
5.	Name and address of party to whom correspondence concerning document should be mailed:
0.	STAAS & HALSEY LLP Our Docket: 1466.1088
	Attention: H. J. Staas
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	Washington, D.C. 20005
	Washington, D.C. 20005
6.	Total number of applications and patents involved:1
7.	Total fee (37 CFR 3.41) (\$ 40.00 per Patent or Application in Assignment)
	Authorized to be charged to deposit account.

6/23/2004 MGETACHE 00000129 10807535

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H. J. Staas, Reg. No. 22,010 Name of Person Signing  Signature  Total number of pages including cover sheet: 4	***************************************

# U.S. ASSIGNMENT

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IN CONSIDERATION of the sum of One Doll inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)) FUJITSU LIMITED	ar (\$1.00), and of other good ar	nd valuable consideration paid to the undersigned
1-1, Kamikodanaka 4-chome, Nak	cahara-ku, Kawasaki-shi,	Kanagawa 211-8588 Japan
FUJITSU HITACHI PLASMA D	ISPLAY LIMITED	
2-1, Sakado 3-chome, Takatsu-ku	, Kawasaki-shi, Kanagaw	va 213-0012 Japan
(hereinafter, "ASSIGNEE"), the receipt of which is h ASSIGNEE the entire and exclusive right, title and in (Title of Invention) METHOD FOR DRIVING PLASI	nterest to the invention entitled	ned ASSIGNOR hereby sells, assigns and transfers to
relating to International Patent Application PCT/JP_executed on even date herewith or, if not so executed  (a) executed on	, was:	application for Letters Patent of the United States was
(b) filed on;	York Avenue, N.W., V	ney of STAAS & HALSEY LLP, Suite 700, 1201 New Washington, D.C. 20005 (202/434-1500) is hereby In (b) the specified data, when known.
including any extensions thereof (collectively, hereing The ASSIGNOR agree(s), when requested by said which the ASSIGNEE may deem necessary, desirable including in the preparation and prosecution of said as	thereon, for the full term or terms for after, "said application(s) and Lette ASSIGNEE and without charge to be or expedient, for securing, maintage pplication(s) and the issuance of saigation or other legal proceeding wests, including separate assignments	or which the said Letters Patent(s) may be granted and rs Patent(s)").  but at the expense of said ASSIGNEE, to do all acts ining and enforcing protection for said invention, id Letters Patent(s), in any interference, reissue, hich may arise or be declared in relation to same such
IN WITNESS WHEREOF, the undersigned invent (Typed Name & Signature of Inventor(s))  1) Naoki ITOKAWA  2) Yoshiho SEO  Yoshiho SEO  Yasunobu Hashimoto Yasunobu HASHIMOTO	or(s) has (have) affixed his/her/the (Date)  Mar. 13, 2004  Mar. 15, 2004	Ikuyo KANAGAWA
4) <u>Jetsuya Sokamoto</u> Tetsuya SAKAMOTO	mar. 19, 2004	Jbuyo Kanagawa Ikuwa KANAGAWA

5) Tomohatsu Kishi Tomokatsu KISHI	Mar 9-2004	Ibuyo Kanagawa  Ikuyo KANAGAWA
6)		•
7)		
8)		
9)		•
10)	•	
11)		
12)		

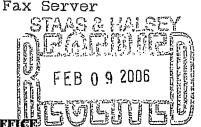
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PAGE 002/006

0023.1090



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UNITED STATES PATENT AND TRADEMARK UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND

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WASHINGTON, D.C. 20005

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RECORDATION DATE: 12/23/2005

REEL/FRAME: 017136/0874

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

FUJITSU LIMITED

DOC DATE: 10/18/2005

ASSIGNEE:

HITACHI, LTD

6-6, MARUNOUCHI 1-CHOME, CHIYODA-

KU

TOKYO, JAPAN

SERIAL NUMBER: 09760883

FILING DATE: 01/17/2001

PATENT NUMBER: ISSUE DATE:

TITLE: DISPLAY APPARATUS WITH REDUCED NOISE EMISSION AND DRIVING METHOD

FOR THE DISPLAY APPARATUS

017136/0874 PAGE 2

SERIAL NUMBER: 10102017 . FILING DATE: 03/21/2002

PATENT NUMBER: ISSUE DATE:

TITLE: PLASMA DISPLAY APPARATUS

SERIAL NUMBER: 10627727 FILING DATE: 07/28/2003

PATENT NUMBER: ISSUE DATE:

TITLE: GAS DISCHARGE PANEL SUBSTRATE ASSEMBLY, PRODUCTION METHOD THEREFOR

AND AC TYPE GAS DISCHARGE PANEL

SERIAL NUMBER: 10807535 FILING DATE: 03/24/2004

PATENT NUMBER: ISSUE DATE:

TITLE: METHOD FOR DRIVING PLASMA DISPLAY PANEL

SERIAL NUMBER: 11071346 FILING DATE: 03/04/2005

PATENT NUMBER: ISSUE DATE:

TITLE: PLASMA DISPLAY APPARATUS

SERIAL NUMBER: 09427936 FILING DATE: 10/27/1999 ISSUE DATE: 12/17/2002

TITLE: HALFTONE DISPLAY METHOD AND DISPLAY APPARATUS FOR REDUCING HALFTONE

DISTURBANCES OCCURRING IN MOVING IMAGE PORTIONS

SERIAL NUMBER: 09608150 FILING DATE: 06/30/2000 ISSUE DATE: 12/17/2002 PATENT NUMBER: 6496166

TITLE: DISPLAY APPARATUS

SERIAL NUMBER: 09970706 FILING DATE: 10/05/2001 PATENT NUMBER: 6538382 FILING DATE: 03/25/2003 ISSUE DATE: 03/25/2003

TITLE: PLASMA DISPLAY APPARATUS HAVING REINFORCED ELECTRONIC CIRCUIT MODULE

SERIAL NUMBER: 10680136
PATENT NUMBER: 6855026 FILING DATE: 10/08/2003 PATENT NUMBER: 6855026 ISSUE DATE: 02/15/2005

TITLE: METHOD FOR FORMING PARTITIONS OF PLASMA DISPLAY PANEL BY USING

SANDBLASTING PROCESS

SERIAL NUMBER: 10320550 FILING DATE: 12/17/2002 PATENT NUMBER: 6781564 ISSUE DATE: 08/24/2004

TITLE: DISPLAY APPARATUS

SERIAL NUMBER: 08693598 FILING DATE: 08/05/1996
PATENT NUMBER: 5907316 FILING DATE: 08/05/1996 PATENT NUMBER: 5907316 ISSUE DATE: 05/25/1999 TITLE: METHOD OF AND APPARATUS FOR DISPLAYING HALFTONE IMAGES

SERIAL NUMBER: 08883233 FILING DATE: 06/26/1997 PATENT NUMBER: 6529204 ISSUE DATE: 03/04/2003 TITLE: METHOD OF AND APPARATUS FOR DISPLAYING HALFTONE IMAGES

JOANN STEWART, EXAMINER

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	FUJITSU LIMITED
2.	Name and Address of receiving party(les):
	HITACHI, LTD. 6-6, Marunouchi 1-chome, Chiyoda-ku Tokyo, Japan
3.	Nature of conveyance:  X Assignment Merger  Security Agreement Change of Name  Other:  Execution Date(s): October 18, 2005
4.	Application number(s) or patent number(s):  This document is being filed together with a new application.
	OR  This document is being filed after filing of the application:  (a) Patent Application No(s). See Attached List  (b) Patent No(s). See Attached List
6.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1861.1001  Attention: H. J. Staas 1201 New York Ave., N.W., Suite 700  Washington, D.C. 20005
6.	Total number of applications and patents involved:12
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<u>H. J.</u>	Staas, Reg. No. 22,010 LA Stan Dec. 23, 200
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## Annex

Country	Application No.	Patent No.
US	09/427936	6496194
U\$	09/608150	6496166
US	09/760883	14 100 100
US	09/970706	6538382
US	10/102017	200002
US	10/627727	
US	10/680136	6855026
US	10/807535	
US	10/866302	6781564
US	11/071346	2751004
US	693598	5907316
US	883233	6529204

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NOVEMBER 06, 2008

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RECORDATION DATE: 10/29/2008

REEL/FRAME: 021785/0276

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 1920.0002

ASSIGNOR:

HITACHI LTD.

DOC DATE: 09/01/2006

ASSIGNEE:

HITACHI PLASMA PATENT LICENSING

CO., LTD

2-1, OTEMACHI 2-CHOME

CHIYODA-KU, TOKYO, JAPAN

023:1093 (TAAUS JONES TO 1872.1005) SERIAL NUMBER: 09760883 ISSUE DATE: 03/20/2007 PATENT NUMBER: 7193596

TITLE: DISPLAY APPARATUS WITH REDUCED NOISE EMISSION AND DRIVING METHOD

FOR THE DISPLAY APPARATUS

1872, 1006

SERIAL NUMBER: 10102017 PATENT NUMBER: 7164394

TITLE: PLASMA DISPLAY APPARATUS

FILING DATE: 03/21/2002

ISSUE DATE: 01/16/200

P.O. Box 1450, Alexandria, Virginia 22313-1450 - www.uspto.gov

021785/0276 PAGE 2 SERIAL NUMBER: 10627727 / 8 76 / 00 7
PATENT NUMBER: 7372206
FILING DATE: 07/28/2003
ISSUE DATE: 05/13/2008 TITLE: GAS DISCHARGE PANEL SUBSTRATE ASSEMBLY HAVING PROTECTIVE LAYER IN CONTACT WITH DISCHARGE SPACE, AND AC TYPE GAS DISCHARGE PANEL HAVING THE ASSEMBLY ACW FILING DATE: 03/24/2004 SERIAL NUMBER: 10807535 /875./020 PATENT NUMBER: ISSUE DATE: TITLE: METHOD FOR DRIVING PLASM DISPLAY PANEL SERIAL NUMBER: 10866302 FILING DATE: 06/14/2004 PATENT NUMBER: 7002535 ISSUE DATE: 02/21/2006 TITLE: DISPLAY APPARATUS SERIAL NUMBER: 11071346 | 872 /008 FILING DATE: 03/04/2005 PATENT NUMBER: 1572 /008 ISSUE DATE: TITLE: PLASMA DISPLAY APPARATUS SERIAL NUMBER: 08693598 ()23,/672 / FILING DATE: 08/05/1996
PATENT NUMBER: 5907316
TITLE: METHOD OF THE COMMENT TITLE: METHOD OF AND APPARATUS FOR DISPLAYING HALFTONE IMAGES SERIAL NUMBER: 09427936 073 1083 CF PATENT NUMBER: 6496194
TITLE: HALFTON FILING DATE: 06/30/2000 PATENT NUMBER: 6496166 FILING DATE: 10/27/1999 ISSUE DATE: 12/17/2002 TITLE: HALFTONE DISPLAY METHOD AND DISPLAY APPARATUS FOR REDUCING HALFTONE DISTURBANCES OCCURRING IN MOVING IMAGE PORTIONS 023.1075 HXS SERIAL NUMBER: 08883233 FILING DATE: 06/26/1997 PATENT NUMBER: 6529204 ISSUE DATE: 03/04/2003

TITLE: METHOD OF AND APPARATUS FOR DISPLAYING HALFTONE IMAGES

SERIAL NUMBER: 10320550 FILING DATE: 12/17/2002 PATENT NUMBER: 6781564 ISSUE DATE: 08/24/2004

TITLE: DISPLAY APPARATUS

SERIAL NUMBER: 10680136 1466 / 78
PATENT NUMBER: 6855026
TITLE: METHOD FOR FORMING DATE: FILING DATE: 10/08/2003 ISSUE DATE: 02/15/2005

TITLE: METHOD FOR FORMING PARTITIONS OF PLASMA DISPLAY PANEL BY USING

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C2005 Stoos & Holsey LLP  To the Director of the U.S. Patent		103533273	
1.Name of conveying party(ies): HITACHI LTD. 6-6, Marunouchi 1-chor Chiyoda-ku, Tokyo Japan	300	ROBI TO STATE OF THE PARTY OF T	
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HITACHI PLASMA PAT 2-1, Otemachi 2-chome Chiyoda-ku, Tokyo Japan 3.Nature of conveyance:	FENT LICENSING CO.,	LTD.	
X Assignment Security Agreer Other: Execution Date(s): Sec		Merger Change of Name	
	eing filed together with a OR	• •	
	eing filed after filing of th ion No(s). See Attached See Attached List (Ann	l List (Annex)	
5.Name and address of party to STAAS & HALSEY LLP Attention: <u>H. J. Staas</u> 1201 New York Ave., N Washington, D.C. 2000	.W., 7th Floor	concerning document should b Our Docket: <u>1920.0002</u>	e mailed:
6.Total number of applications a	and patents involved:	<u>12</u>	
7.Total fee (37 CFR 3.41) Enclosed Authorized to be	(\$ 40.00 per Pate		t)
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H. J. Staas , Reg. No. 22,010 Name of Person Signing	S	ignature Total number of pages includ	Oct. 29, 2008 Date ling cover sheet: 9
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## Annex

Application No.	Patent No.
09/760883	
10/102017	
10/627727	
10/807535	
10/866302	·
11/071346	
693598	5907316
09/608150	6496166
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